

## Client Success Story

### Lab Analysis Results System (LARS)

#### The Client

Our client is a laboratory performing microbiological and chemical analysis of food, water, laundry and environmental samples. They are certified by the Department of Environmental Protection and the Pennsylvania Department of Agriculture.

#### The Challenge

Our client needs a highly automated system to streamline the collection of laboratory results and report these results to their customers. Their system required much manual entry and results could not be accessed by their customers. Results were issued manually.

#### The Solution

Kennett Systems was asked to create a Lab Analysis Results System (LARS) to provide an easily modifiable system for our client to enter sample descriptions and testing parameters from varying chain of custody formats. LARS enables laboratory workers to record results with any entered analyte. LARS can accept different result configurations for each report. Administrators have the option to modify reports any time during the review process before it is released to the client. Clients are given a unique online interface to view their results and can save a copy or print a copy for their own records. The clients interface tracks all results for that client and is viewable from any online computer.

#### The Result

As a result of the system developed by Kennett Systems, our client now has a system where information and functionality is available 24x7 via the internet. Data is maintained in a relational database rather than individual documents and current and historical data are easily filtered and accessed electronically. This system streamlines the process of receiving samples, entering results, approving results, and automatically releases information to customers upon completion.

#### Benefits

- *Information and functionality is available 24/7 via the internet*
- *Data is maintained in a relational database rather than individual documents*
- *Current and historical data is easily filtered and accessed electronically*
- *Processes streamlined to receive data, enter results, approve results, and automatically release information to customers upon completion*
- *Administrators can configure and maintain user accounts*
- *Customers receive results automatically rather than via hardcopy in the mail.*

#### Technologies

- *ASP.Net / C#*
- *SQL Server 2008 Express*
- *Visual Studio 2008*
- *Microsoft Report Viewer*